

### Abstract

Allocating resources in a circuit switched data network, comprising receiving a request for a resource from a device coupled to the circuit switched data network and granting the resource to the requesting device if the resource is available. If the resource is not  
5 available, then examining the instantaneous quantity of data to be transmitted by the requesting device; the rate of change in the instantaneous quantity of data to be transmitted by the requesting device; and the time of utilization of the resource by the requesting device, and granting the resource to the requesting device based on the examination of the three factors.

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